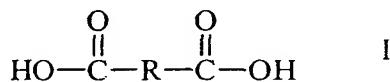


## CLAIMS

### **What is claimed is:**

1. An anaerobic adhesive composition comprising monomers, oligomers, inhibitors, oxidizers, reducers and thickening agents which blends 0.0001 - 10 parts in weight of a difunctional carboxylic acid, expressed by the following formula I, in proportion to 100 parts in weight of a mixture of monomers and oligomers:



10 wherein R is  $(\text{CH}_2)_n$  or  $\text{CH}_2\text{C}(=\text{CH}_2)$  and n is an integer of 2 to 10.

2. The anaerobic adhesive composition according to claim 1, wherein the difunctional carboxylic acid is one or more selected from malonic acid, succinic acid, adipic acid, itaconic acid, pimelic acid, terephthalic acid and decanoic acid.

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3. The anaerobic adhesive composition according to claim 1, wherein the monomers are one or more selected from ethyleneglycol di(metha)acrylate, diethyleneglycol di(metha)acrylate, triethyleneglycol di(metha)acrylate, tetraethyleneglycol di(metha)acrylate, trimethylolpropane tri(metha)acrylate, styrene, chlorostyrene, vinyltoluene,  $\alpha$ -methylstyrene, vinylacetate, methylacrylate, ethylacrylate, butylacrylate and methylmethacrylate.

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4. The anaerobic adhesive composition according to claim 1, wherein the oligomers are one or more selected from mono or poly-(metha)acrylate oligomer of bisphenolic compound containing  $\alpha, \omega$ -diacryloyl-(bisethyleneglycol)-phthalate and  $\alpha, \omega$ -tetraacryloyl-(bistrimethylolpropane)-tetrahydrophthalate, and acrylic oligomers having aliphatic/aromatic urethane groups and polyether groups.

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5. The anaerobic adhesive composition according to claim 1, wherein the inhibitors are one or more selected from hydroquinone, methylhydroquinone, hydroquinonemonomethylether, naphthoquinone, penanthraquinone, anthraquinone, sebenzoquinone, catechol, *t*-butylcatechol, 2,6-*t*-butyl-4-5 methylphenol, phenothiazine, picric acid phenothiazine and hydroxydiphenylamine.

6. The anaerobic adhesive composition according to claim 1, wherein the oxidizers are one or more selected from *t*-butylhydroperoxide, 10 cumenehydroperoxide, di-*t*-butylhydroperoxide, methylethylketoneperoxide, dicumylperoxide, 2,5-dimethylhexyl-2,5-dihydroperoxide, diisopropylbenzendhydroperoxide, *t*-butylbenzoate and *t*-butylperoxyacetate.

7. The anaerobic adhesive composition according to claim 1, wherein the 15 reducers are one or more selected from phenyl- $\alpha$ -naphthylamine, *N,N'*-dimethyl-p-toluidine, *N,N'*-dimethylaniline, triethylenetetramine, diethylenetriamine, tri-*N*-butylamine, *o*-benzoic sulfimide, benzoic acid sulfimide, acetylthiourea, ethylene thiourea and 2-mercaptopbenzothiazole.